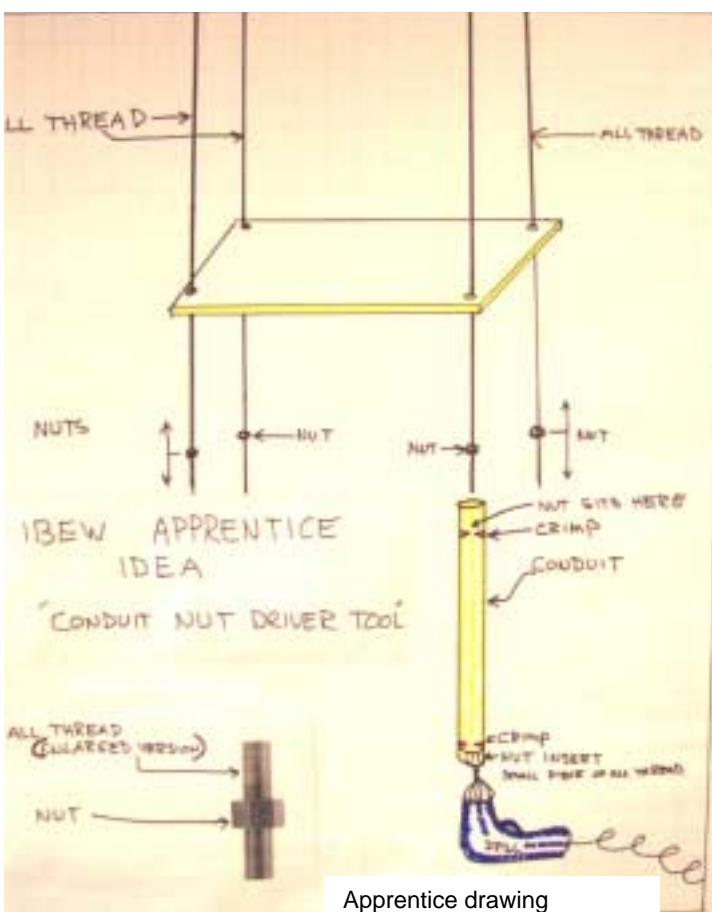


# Conduit "Nut Driver" Tool

Reduces overhead reaching and repetitive motion

## Description

While hanging a ceiling platform for motors, light fixtures, pumps, etc. nuts are screwed onto all-threads in the ceiling using fingers or a wrench. Reaching above the head and repetitively twisting the nuts with the fingers can result in shoulder or hand/wrist injuries. Electrical apprentices at the International Brotherhood of Electrical Workers (IBEW) in Mt. Vernon, Washington devised a solution: a "nut driver" made of common electrical conduit attached to a drill motor reduces the reaching and eliminates the repetitive twisting.



Apprentice drawing

Choose the appropriate conduit length for the job. Adapt one end of the conduit to fit on a drill motor: place a short piece of all thread in the end of the drill motor. Insert a nut into one end of the conduit and crimp above the nut so it stays in place. In addition, crimp the conduit within an inch of the top end. Manually spin a nut onto the end of the ceiling all-thread. Insert conduit over the nut on the ceiling all-thread. Use the drill motor to drive the nut securely into place.

### Benefits:

- Reduces overhead reaching.
- Significantly reduces repetitive finger twisting motions
- Saves time
- Can be made in-house for very little cost



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